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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Cor	nplete if Known	
	Application Number	10/791,177	
	Filing Date	March 2, 2004	•
	First Named Inventor	Wang	
	Art Unit	1714	
	Examiner Name		-
_	Attornov Docket Number	P02083US1A	

			U.S. PATENT D	OCUMENTS	
Examiner Initials*	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
iniuais	No.1	Number-Kind Code ^{2 (If known)}	IVIVI-UU-TTTT	Applicant of Cited Document	Passages of Relevant Figures Appear
·MT		US- 3,972,963	8/3/1976	Schwab et al.	
		US- 4,233,409	11/11/1980	Bulkley	
		US- 4,247,434	1/27/1981	Vanderhoff et al.	
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		US- 5,169,914	12/8/1992	Kaszas et al.	
OH.		US- 5,219,945	6/15/1993	Dicker et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁹ Of Document	Publication Date MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T°
nH		WO 01/87999A2	11/22/2000	Faust et al.		
<u> </u>		WO 02/100936	12/19/2002	Exxon Chem.		
		WO 02/31002A1	4/18/2002	UAB Res. Found.		
141		WO 91/04992	4/18/1991	Exxon Chem.		
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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 7

Col	mplete if Known	
Application Number	10/791,177	
Filing Date	March 2, 2004	
First Named Inventor	Wang	
Art Unit	1714	
Examiner Name		
Attorney Docket Number	P02083US1A	

			U.S. PATENT C		
Examiner Initials*	Cite	Document Number	nber Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevan
	No.¹	Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear
·DM		US- 5,237,015	8/17/1993	Urban	
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ग्मि	 	US- 5,777,037	7/7/1998	Yamanaka et al.	

xaminer nitials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ (* house)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T [©]
M		WO2004/058874	7/15/2004	Bridgestone Corp.		
, ,		EP 0 265 142 A2	4/27/1988	Rohm and Haas		
		EP 0 590 491 A2	4/6/1994	Bridgestone		
M		EP 1 099 728 A1	5/16/2001	Chiba et al.		

Examiner Signature	arres Ame	Date Considered 4/35/67

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Sheet 3

Attorney Docket Number

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Examiner nitials*	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
iniuais	No.1	Number-Kind Code ^{2 (f known)}	NIW-DD-1111	Applicant of Cited Document	Passages of Relevant Figures Appear
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		US- 5,834,563	11/10/1998	Kimura et al.	
		US- 5,849,847	12/15/1998	Quirk	
		US- 5,855,972	1/5/1999	Kaeding	
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M		US- 6,348,546	2/19/2002	Hiiro et al.	

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Examiner nitials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number* Kind Code ³ (F brown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ ^σ
M		EP 1 134 251 A1	9/19/2001	Okamoto et al.		
ast		JP 08-199062	8/6/1996	Mitsubishi Chem.		
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	Application Number	10/791,177	
INFORMATION DISCLOSURE	Filing Date	March 2, 2004	_
	First Named Inventor	Wang	
STATEMENT BY APPLICANT	Art Unit	1714	
(Use as many sheets as necessary)	Examiner Name		

Attorney Docket Number P02083US1A Sheet 4 of 7 U.S. PATENT DOCUMENTS Name of Patentee or Pages, Columns, Lines, Where Relevant Examiner Publication Date Cite **Document Number** Initials* No.1 MM-DD-YYYY Applicant of Cited Document Passages or Relevant Figures Appear Number-Kind Code^{2 (ff known)} IIS. 6.573.330 6/3/2003 Fujikake et al. us-6,598,645 7/29/2003 Larson US-6,649,702 11/18/2003 Rapoport et al. US-6,750,297 8/15/2004 Yeu et al. US-Ajbani et al. 7/6/2004 6,759,464 US-12/28/2004 Kondou et al. 6,835,781 บร-3/29/2005 Wang et al. 6.872.785 US-Wang 6,875,818 4/5/2005 บร-2002/0095008 7/18/2002 Heimrich et al. US-2002/0144401 10/10/2002 Nogueroles Vines et al. US-2003/0004250 1/2/2003 Ajbani et al. US. 2003/0032710 2/13/2003 Larson US-2004/0059057 3/25/2004 Swisher et al. us-2004/0127603 7/1/2004 Lean et al. US-Wang 2004/0143064 7/22/2004 บร-2004/0198917 10/7/2004 Castner บร 2005/0101743 5/12/2005 Stacy et al. US-2005/0203248 9/15/2005 Zheng et al. ÚS-6,706,813 3/16/2004 Chiba et al.

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ³ of Annumly	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T'
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Attorney Docket Number P02083US1A Sheet 5 of 7 **U.S. PATENT DOCUMENTS** Examiner Name of Patentee or Pages, Columns, Lines, Where Relevant Publication Date **Document Number** MM-DD-YYYY Passages or Relevant Figures Appear Initials' Applicant of Cited Document No 1 Number-Kind Code^{2 (If known)} US-6,060,549 5/9/2000 Li et al. US. US. US-US-US-บร-US-HS. US-บร-USus-US-US-USus-บระ US-

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565551511				Application Number	10/791,177
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STA	(Use as many sheets as necessary)			First Named Inventor	Wang
				Art Unit	1714
				Examiner Name	
Sheet	6	of	7	Attorney Docket Number	P02083US1A

		NON PATENT LITERATURE DOCUMENTS	
Examiner nitials*	Cite No.1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
<u>iM</u>		Star Polymers by Immobilizing Functional Block Copolymers, by Koji Ishizu, Tokyo Institute of Technology, Meguro-ku, Tokyo, Japan, Star and Hyperbranched Polymers, 1999, ISBN 0-8247-1986-7	
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Examiner Signature	NOTO 1	Date Considered	ulsolor
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	(Man an			Art Unit	1714	
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Sheet	7	of	7	Attorney Docket Number	P02083US1A	

		NON PATENT LITERATURE DOCUMENTS	
xaminer nitials*	Cite No.1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where p	T²
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Sheet 1

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Application Number	10/791,177	
Filing Date	March 2, 2004	,
First Named Inventor	Wang	
Art Unit	1714	
Examiner Name		
Attorney Docket Number	P02083US1A	

				DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 of anount)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Retevant Passages or Relevant Figures Appear
112	<u> </u>	US- 4.764.570	0/46/4000		, iguico Appear
M		us- 4,764,572	8/16/1988	Bean, Jr.	
		^{US-} 4,871,814	10/3/1989	Gunesin et al.	
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		^{US-} 5,587,423	12/24/1996	Brandstetter et al.	
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Examiner Cite Initials* No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known **Application Number** 10/791,177 Filing Date March 2, 2004 First Named Inventor Wang Art Unit 1714 **Examiner Name** Attorney Docket Number P02083US1A

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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (d known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Filing Date	March 2, 2004			
First Named Inventor	Wang			
Art Unit	1714			
Examiner Name				
Attorney Docket Number	P02083US1A			

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		Number-Kind Code ^{2 (F known)}			Figures Appear
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Application Number 10/791,177 Filing Date March 2, 2004 First Named Inventor Xiaorong Wang Art Unit Examiner Name Attorney Docket Number P02083US1A

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		NON PATENT LITERATURE DOCUMENTS	
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M		number(s), publisher, city and/or country where published. An article entitled "Dendritic Macromolecules: Synthesis of Starburst Dendrimers" DOWALD A. ICWALIA et al., Macromolecules, Vol. 19, No. 9, 1986, contribution from Functional Polymers/Processes and the Analytical Laboratory Dow Chemical Midland MI 49640 Pts. 2466, 2468	
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PATENT AND TRADEMARK OFFICE Atty Docket No.: P02083US1A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) Serial No.: 10/791,177 Applicant(s): Wang et al. Filed: March 2, 2004 Group: 1714 p U.S. PATENT DOCUMENTS Filing Date Class Exam. Publication/ Patent Number Publication/ Patentee Subclass Issue Date Init. 04/20/1982 Rembaum 05/31/1983 Shiraki et al. 01/05/1988 Fluwyler 09/27/1988 Schwartz 08/29/1989 Bois et al. 11/19/1991 Srayer, Jr. et al. Schwartz et al. 12/17/1991 n Q Q n 03/16/1993 Cheung Maxfield et al. 04/07/1996 05/28/1996 Antkowiak et al. 01/13/1998 Takekoshi et al. 06/08/1999 Wang et al. Ĺ 03/06/2001 Zilg et al. 05/01/2001 Lan et al. 05/28/2002 Miyamoto et al. Q 08/27/2002 Demirors et al. Nakamura et al. 02/17/2004 02/22/2005 Larson 03/01/2005 Parker et al. 10/18/2005 Wang et al. 07/04/2006 Xie et al. 09/26/2006 Wang et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Class Translation Country or Patent Office Subclass Exam. Document Number Publication Init. Date No Yes 07/05/1989 Europe 01/24/1990 Europe 02/26/1992 Europe 11/13/1996 Europe 04/03/1986 Germany 06/16/1994 Germany 09/06/1994 Japan 04/03/2003 Japan 2003-02/06/1997 PCT 04/17/2003 PCT Page 1 of 2

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